

Recent References: CODENS and Abbreviations

National Nuclear Data Center, Brookhaven National Laboratory

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This document lists journal “CODEN” information and common abbreviations used in Nuclear Science References (NSR).

For more information, and access to the most recent NSR updates, please visit the NSR web site at <http://www.nndc.bnl.gov/nsr/>.

Journals and Codens

The following list, arranged alphabetically by CODEN, shows journal CODENS and titles that have appeared in NSR since the year 2000. The CODEN strings are used in the short form of reference information given with keywords in the “Recent References” documents.

ACIEA	Angew.Chem., Int.Ed.Eng.	ASJOA	Astrophys.J.
ADNDA	At.Data Nucl.Data Tables	AUJPA	Aust.J.Phys.
AENGA	At.Energ.	BAPSA	Bull.Am.Phys.Soc.
ANEND	Ann.Nucl.Energy	BJPHE	Braz.J.Phys.
ANPHA	Ann.Phys.(Paris)	BRSPE	Bull.Rus.Acad.Sci.Phys.
ANPYA	Ann.Phys.(Leipzig)	CHPHD	Chinese Physics
APHPF	Acta Phys.Hung.N.S.	CHPLB	Chem.Phys.Lett.
APHYE	Astropart.Phys.	CJOPA	Chin.J.Phys.(Taiwan)
APJSA	Astrophys.J.Suppl.Ser.	CJPHA	Can.J.Phys.
APNYA	Ann.Phys.(New York)	CMPHC	Chem.Phys.
APOBB	Acta Phys.Pol. B	CPHCB	Comput.Phys.Commun.
APSVC	Acta Phys.Slovaca	CPLEE	Chin.Phys.Lett.
ARISE	Appl.Radiat.Isot.	CZYPA	Czech.J.Phys.
ARNUA	Ann.Rev.Nucl.Part.Sci.	DANKA	Dok.Akad.Nauk

EPSLA	Earth Planet.Sci.Lett.	PHYAD	Physica A
EULEE	Europhys.Lett.	PHYBE	Physica B
FBSYE	Few-Body Systems	PHYCE	Physica C
FECAA	Fiz.Elem.Chastits At.Yadra	PLEEE	Phys.Rev. E
FECLA	Part. and Nucl., Lett.	PLRAA	Phys.Rev. A
FIZBE	Fizika(Zagreb) B	PNEND	Prog.Nucl.Energy
GCACA	Geochim.Cosmochim.Act.	PPNPD	Prog.Part.Nucl.Phys.
HYIND	Hyperfine Interactions	PRAMC	Pramana
IJTPB	Int.J.Theor.Phys.	PRBMD	Phys.Rev. B
IMPEE	Int.J.Mod.Phys. E	PRLTA	Phys.Rev.Lett.
JCOME	J.Phys.Condens.Matter	PRPLC	Phys.Rep.
JNRSA	J.Nucl.Radiochem.Sci.	PRVCA	Phys.Rev. C
JNSTA	J.Nucl.Sci.Technol.(Tokyo)	PRVDA	Phys.Rev. D
JPAMA	J.Phys.(London) B	PTPKA	Prog.Theor.Phys.(Kyoto)
JPGPE	J.Phys.(London) G	PTPSA	Prog.Theor.Phys.(Kyoto), Suppl.
JRNBA	J.Res.Natl.Inst.Stand.Technol.	PYLAA	Phys.Lett. A
JRNCD	J.Radioanal.Nucl.Chem.	PYLBB	Phys.Lett. B
JUPSA	J.Phys.Soc.Jpn.	PZETA	Pisma Zh.Eksp.Teor.Fiz.
KPSJA	J.Korean Phys.Soc.	RAACA	Radiochim.Acta
LAPLA	Laser Phys.Lett.	RJPHE	Rom.J.Phys.
MPLAE	Mod.Phys.Lett. A	RMEAE	Radiat.Meas.
NATUA	Nature(London)	RMPHA	Rev.Mod.Phys.
NDSBA	Nucl.Data Sheets	RNCUA	Riv.Nuovo Cimento Soc.Ital.Fis.
NIFBA	Nuovo Cim. B	RPPHA	Rep.Prog.Phys.
NIFCA	Nuovo Cim. C	SCIEA	Science
NIMAE	Nucl.Inst.Meth.Phys.Res. A	TANSA	Trans.Amer.Nucl.Soc.
NIMBE	Nucl.Inst.Meth.Phys.Res. B	TBGNS	Trans.Bulg.Nucl.Soc.
NJOPF	New Journal of Physics	TJPHE	Turk.J.Phys.
NPBSE	Nucl.Phys. B(Proc.Supp.)	UKPJA	Ukr.J.Phys.
NSENA	Nucl.Sci.Eng.	YAFIA	Yad.Fiz.
NUPAB	Nucl.Phys. A	ZAANE	Eur.Phys.J. A
NUPBB	Nucl.Phys. B	ZBBNE	Eur.Phys.J. B
NUTYB	Nucl.Technology	ZCCNE	Eur.Phys.J. C
PACHA	Pure Appl.Chem.	ZDDNE	Eur.Phys.J. D
PANUE	Phys.Atomic Nuclei	ZETFA	Zh.Eksp.Teor.Fiz.
PHSTB	Phys.Scr.	ZNASE	Z.Naturforsch.

Abbreviations

The following abbreviations are commonly used in NSR keywords.

A γ , A $\gamma\gamma$, iT ...	- analyzing powers
BCS	- Bardeen-Cooper-Schieffer
BUU	- Boltzmann-Uehling-Uhlenbeck
ce	- conversion electron
CPT	- charge-parity-time
DSA	- Doppler-shift attenuation
DWBA	- distorted-wave Born approximation
DWIA	- distorted-wave impulse approximation
E γ , E α , E p	- gamma, alpha, proton energies
EC	- electron capture
GMR	- giant monopole resonance
GDR	- giant dipole resonance
GQR	- giant quadrupole resonance
GDH	- Gerasimov-Drell-Hearn
HFB	- Hartree-Fock-Bogoliubov
hfs	- hyperfine structure
I γ , I β	- gamma, beta intensities
IAR	- isobaric analog resonance
IAS	- isobaric analog state
IBM	- interacting boson model
IBA	- interacting boson approximation
ICC	- internal conversion coefficient
IT	- isomeric transition
H	- magnetic field
n-bar, p-bar	- antineutron, antiproton
OZI	- Okubo-Zweig-Iizuka
PWIA	- plane-wave impulse approximation
Q α , Q β	- α -, β -decay Q-value
QCD	- quantum chromodynamics
RPA	- random phase approximation
σ	- cross section
SUSY	- supersymmetry
θ	- indicates angular dependence
TDA	- Tamm-Dancoff approximation